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OCT 31 2006

HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400

Peter J. Fricke et al.

Application No.: 10/772,945

Filing Date:

Inventor(s):

02/04/2004

PATENT APPLICATION

ATTORNEY DOCKET NO. ___

200310842-1

Confirmation No.: 5316

Examiner: Nadav, Ori

Group Art Unit: 2811

Title: MEMORY ARRAY WITH TWO-TERMINAL CROSSPOINTS USING SILICON-RICH INSULATOR

Mail Stop Amendment **Commissioner For Patents** PO Box 1450 A

| Ale | Alexandria, VA 22313-1450 | | | | | | | | | | | | |
|--|--|--|------------------------|--|---|---------|-----------|----------------------------|---------------------|-------|---|---|--|
| TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT | | | | | | | | | | | | | |
| Trai | Transmitted herewith is/are the following in the above-identified application: | | | | | | | | | | | | |
| | | | | | | | | | | | ktend time to respond al Declaration | | |
| | Other Fe | | | | | | | | \$ | | | | |
| | CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY | | | | | | | | | | | | |
| | (1) FOR | (2) CLAIMS REMAINING AFTER AMENDMENT | (3) NUMBER EXTRA | (4) HIGHEST NUMBER PREVIOUSLY PAID FOR | | | PRE | (5) (6) PRESENT RATE EXTRA | | | (7) ADDITIONAL FEES | | |
| | TOTAL CLAIMS | | | 56 | · | = | 0 | х | \$52 | \$ | 0 | | |
| | INDEP. CLAIMS | 12 | MINUS | 12 | | | = | 0 | х | \$210 | \$ | 0 | |
| | FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM + \$3 | | | | | | | | | \$370 | \$ | 0 | |
| | EXTENSION FEE | | | | | | th | | 4th Month \$1640 | | | 0 | |
| | OTHER F | | | | | | | | RFEES | \$ | | | |
| | TOTAL ADDITIONAL FEE FOR THIS AMENDME | | | | | | | | | DMENT | \$ | 0 | |
| Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fee required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. | | | | | | | | | | | | | |
| X | A duplicate co | ppy of this transmittal k | etter is endo | osed. | | Respec | ctfully : | submitte | ed. | | | | |
| | | this paper is being | | | | Peter J | . Fricke | e et al. | | | | | |
| fa⇔i | Insmitted to the Patent and Trademark Office committee (571) 273-8300. | | | | | | | | | | | | |
| | ate of facsimile: 10/31/2006 Theodore R. Touw | | | | | | | | | | | | |
| | ped Name: Theodore R. Touw gnature: Attorney/Agent for Applicant(s | | | | | | | | licant(s) | | | | |
| • | Reg No.: 36,702 | | | | | | | | | | | | |
| | | | | | | D | ate: | 10 |)/31/20 | 006 | | | |
| | Telephone : (541) 967-9133 | | | | | | | | | | | | |

Rev 10/06 (TransAmdFax)

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OCT 31 2006 HEWLETT-PACKARD COMPANY PATENT APPLICATION intellectual Property Administration P.O. Box 272400 200310842-1 ATTORNEY DOCKET NO. _ Fort Collins, Colorado 80527-2400 Inventor(s): Peter J. Fricke et al. Confirmation No.: 5316 Application No.: 10/772,945 Examiner: Nadav, Ori Filing Date: 02/04/2004 Group Art Unit: 2811 Title: MEMORY ARRAY WITH TWO-TERMINAL CROSSPOINTS USING SILICON-RICH INSULATOR Mail Stop Amendment Commissioner For Patents PO Box 1450 Alexandria, VA 22313-1450 TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT Transmitted herewith is/are the following in the above-identified application: Response/Amendment Petition to extend time to respond New fee as calculated below Supplemental Declaration No additional fee Other Fee\$ CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY (4) HIGHEST NUMBER PREVIOUSLY PAID FOR (1) (6) RATE (2) CLAIMS REMAINING FOR NUMBER PRESENT ADDITIÓNAL FEES AFTER AMENDMENT EXTRA **EXTRA** TOTAL MINUS CLAIMS \$52 56 56 = 0 X \$ 0 INDEP. **MINUS** \$210 12 12 0 X \$ 0 CLAIMS FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM + \$370 \$ O EXTENSION 3rd Month 1st Month 2nd Month 4th Month 0 FFE **\$120** \$460 \$1050 \$1640 OTHER FEES \$ TOTAL ADDITIONAL FEE FOR THIS AMENDMENT 0 Charge S_____ to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal

Regulations that may regulate fees.

X A duplicate copy of this transmittal letter is enclosed.

I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number (571) 273-8300.

Date of facsimile: 10/31/2006

Typed Name: Theodore R. Touw

Respectfully submitted.

Peter J. Fricke et al.

Theodore R. Touw

Attorney/Agent for Applicant(s)

Reg No.: 36,702

10/31/2006

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Rev 10/06 (TransAmdFax)

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OCT 31 2006

Attorney Docket No. 200310842-1; Ser. No. 10/772,945

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Patent Application of: Peter J. Fricke et al. |) Date: October 31, 2006 | | | | | |
|--|-----------------------------|--|--|--|--|--|
| Serial No. 10/772,945 Confirmation No. 5316 | Group Art Unit: 2811 | | | | | |
| Filed 02/04/2004 |) Examiner: NADAV, Ori | | | | | |
| For: MEMORY ARRAY WITH TWO-TERMINAL CROSSPOINTS USING SILICON-RICH INSULATOR |)))) | | | | | |

AMENDMENT

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the communication from the Examiner dated August 4, 2006, please amend the application identified above as follows:

Amendments to the claims are reflected in the listing of claims which begins on page 2 of this amendment, including amendment of claims 26, 33, 38, 42, 47, 50, and 55.

Remarks begin on page 16 of this amendment.